Supplementary material bmjnph

S3 Table. Multivariable-adjusted relationships of weight change and changes in nut intake (0.5 serving/day) within a 4-y period stratified by age, BMI and PA among US men and women

	Weight Change (95% CI) each 4 years, lb (n=144,885 US men and women)				
	Multivariable-adjusted*	P-value	Multivariable-adjusted*	P-value	P for interaction
	age <55		age >55		_
Total nuts	-0.24(-0.29,-0.20)	<.0001	-0.18(-0.21,-0.14)	<.0001	0.24
Tree nuts	-0.30(-0.36,-0.25)	<.0001	-0.24(-0.28,-0.19)	<.0001	0.00
Walnuts	-0.34(-0.46,-0.22)	<.0001	-0.35(-0.45,-0.25)	<.0001	0.40
Other tree nuts	-0.40(-0.48,-0.33)	<.0001	-0.30(-0.36,-0.24)	<.0001	0.00
Peanuts	-0.31(-0.40,-0.21)	<.0001	-0.16(-0.23,-0.10)	<.0001	0.26
Peanut butter	-0.17(-0.23,-0.11)	<.0001	-0.04(-0.09,0.01)	0.1177	0.21
	BMI > 25 kg/m ²		BMI > 25 kg/m ²		
Total nuts	-0.82(-1.00,-0.63)	<.0001	-0.16(-0.19,-0.14)	<.0001	<.0001
Tree nuts	-0.98(-1.24,-0.73)	<.0001	-0.23(-0.26,-0.19)	<.0001	<.0001
Walnuts	-1.25(-1.80,-0.69)	<.0001	-0.29(-0.36,-0.22)	<.0001	<.0001
Other tree nuts	-1.30(-1.64,-0.95)	<.0001	-0.29(-0.34,-0.25)	<.0001	<.0001
Peanuts	-1.15(-1.52,-0.78)	<.0001	-0.14(-0.19,-0.09)	<.0001	<.0001
Peanut butter	-0.36(-0.59,-0.13)	0.0021	-0.08(-0.12,-0.04)	<.0001	0.0619
	PA <18 MET/h/Week		PA >18 MET/h/Week		
Total nuts	-0.26(-0.30,-0.21)	<.0001	-0.20(-0.24,-0.16)	<.0001	0.13
Tree nuts	-0.32(-0.38,-0.26)	<.0001	-0.28(-0.33,-0.22)	<.0001	0.33
Walnuts	-0.40(-0.53,-0.26)	<.0001	-0.38(-0.49,-0.27)	<.0001	0.58
Other tree nuts	-0.43(-0.51,-0.35)	<.0001	-0.34(-0.42,-0.27)	<.0001	0.12
Peanuts	-0.29(-0.37,-0.21)	<.0001	-0.20(-0.28,-0.12)	<.0001	0.25
Peanut butter	-0.10(-0.15,-0.04)	0.0014	-0.12(-0.18,-0.06)	<.0001	0.26
	AHEI <42		AHEI >42		
Total nuts	-0.28(-0.34,-0.21)	<.0001	-0.18(-0.21,-0.15)	<.0001	0.24
Tree nuts	-0.36(-0.45,-0.27)	<.0001	-0.24(-0.27,-0.20)	<.0001	0.31
Walnuts	-0.39(-0.61,-0.17)	0.0004	-0.31(-0.39,-0.23)	<.0001	0.89
Other tree nuts	-0.47(-0.59,-0.36)	<.0001	-0.31(-0.36,-0.26)	<.0001	0.25
Peanuts	-0.31(-0.41,-0.20)	<.0001	-0.19(-0.25,-0.12)	<.0001	0.26
Peanut butter	-0.17(-0.24,-0.09)	<.0001	-0.07(-0.12,-0.03)	<.0001	0.21

Model was adjusted for age, menopausal status (pre- or postmenopausal) and hormone therapy use (never, past, or current) in women; baseline BMI of every 4 year; hours of sleeping at baseline; changes in lifestyle factors: smoking status (never, former, current: 1 to 14, 15 to 24, or ≥25 cigarettes/day), physical activity (Met/h/wk), hours of sitting (hr/wk); changes in dietary factors: fruits, vegetables, alcohol, snacks, dessert, French fries, potato, red or processed meat, whole grain, refined grain and sugar sweetened beverages. Data of walnuts and other tree nuts were firstly available at 1998 of NHS, 1998 of HPFS and 1999 of NHSII. Tree nut consumption was sum of other tree nut and walnut (if available). Total nut consumption was sum of peanut, tree nut and walnut (if available).